

To: "Myers, Donna" [dnmyers@usgs.gov]
Cc: CN=Ayn Schmit/OU=R8/O=USEPA/C=US@EPA[]
From: CN=Monique Dulac/OU=R8/O=USEPA/C=US
Sent: Tue 1/15/2013 6:31:34 PM
Subject: Re: Lat long for EPA Pavillion wells
[Pavillion sample locs.xlsx](#)
Schmit.Ayn@epamail.epa.gov
schmit.ayn@epa.gov
dnmyers@usgs.gov
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dnmyers@usgs.gov
(embedded image)

Hi Donna,

I've copied all sampled well locations we currently have in our database into excel for you. There should be a total of 69 records. Please let me know if you have any problems retrieving this data.

Thanks,
Monique Dulac, GIS Analyst
Ecosystem Protection and Remediation
U.S. Environmental Protection Agency
1595 Wynkoop Street
Denver, CO 80202
Office: (303) 312-6114
Email: dulac.monique@epa.gov

From: "Myers, Donna" <dnmyers@usgs.gov>
To: Ayn Schmit/R8/USEPA/US@EPA
Cc: Monique Dulac/R8/USEPA/US@EPA
Date: 01/11/2013 02:14 PM
Subject: Re: Lat long for EPA Pavillion wells

Thanks Ayn for the reply. I would like to have an excel file with the lat/lon (decimal degrees) of all the domestic, public, stock, and monitoring wells sampled by EPA on the Pavillion project for phases III-V. I would compare locations to USGS well locations to see how close they are in proximity and how similar in depth, as well as the use of the well.

Alternatively, if the lat/long and water quality data from the EPA Pavillion wells are in modern STORET, it is relatively easy for me to retrieve from STORET. I could get the lat/lon from STORET and not have to bother your staff. If these data are not in modern STORET, then just send me the excel file with the lat/lon.

Progress: This week my student was able to complete an inventory of all available wells sampled by USGS in Fremont County WY and USGS sampled wells in the EPA Pavillion study area. USGS has sampled 14 wells over time within the boundaries of the Pavillion study and has hundreds of well records for Fremont County. I will look over the files to see if we have any opportunities to do some trend analysis

on any of these wells if they have been sampled more than once over time. I think we have some candidate wells to work with.

Next week I plan to have someone on my staff use the NWIS well inventory to retrieve water quality data for the USGS wells to see if there are any more USGS data in addition to the 1948-1992 information I already have from published reports.

Have a nice weekend.

On Fri, Jan 11, 2013 at 1:42 PM, <Schmit.Ayn@epamail.epa.gov> wrote:

I have asked Monique Dulac, our GIS analyst, to provide you with what you need. Did you just want the monitoring well locations, or all of the well locations that EPA has sampled? Monique, copied on this email, should be able to assist you in either case.

Ayn E. Schmit

Water Policy Advisor

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schmit.ayn@epa.gov

"Myers, Donna" ---01/09/2013 11:48:50 AM---Hello Ayn, I have continued to take steps to assemble and analyze the historical USGS data from Frem

From: "Myers, Donna" <dnmyers@usgs.gov>

To: Ayn Schmit/R8/USEPA/US@EPA

Cc: dnmyers <dnmyers@usgs.gov>

Date: 01/09/2013 11:48 AM

Subject: Lat long for EPA Pavillion wells

Hello Ayn, I have continued to take steps to assemble and analyze the historical USGS data from Fremont County from published USGS reports and from the USGS National Water Information System to get an idea of spatial and temporal status and trends in groundwater quality, as we discussed a few weeks ago.

I have a student working with me this week who is making good progress on assembling a groundwater quality data set of USGS data. I would like to have her plot the USGS sites and the EPA sites together on a map to see the spatial distribution and how many might be in close proximity in 3-dimensions. Also, it would be worthwhile to determine if any of the domestic or stock wells sampled for Pavillion by EPA have ever been sampled previously by USGS.

I am still working on getting the original lab analyses from archives to look at some of the data more closely. Also, I plan to try to get the well logs for all these wells to use as a screening and selection criteria.

Once I get the data set assembled, it would be worthwhile to have a conference call and to discuss analysis approaches.

What is the best way to get these lat/lon data? While the lat/lon information is in the EPA Draft report in one of the appendix tables, the lat/lon can't be easily copied and pasted into a spreadsheet. An excel table with the lat/lon would be ideal if one is available from you or your staff.

I do not want to know the well owners names or any of their personally identifiable information. Let me know what can be done.

Thanks in advance.

- Donna

Donna N. Myers

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